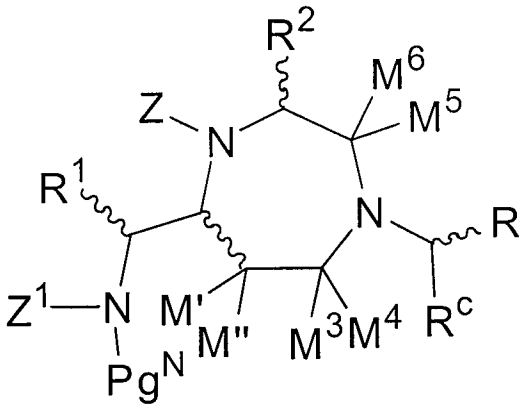
IN THE CLAIMS

The currently pending claims are believed to be as follows:

1-112. (Canceled)

113. (Previously Presented) A general mimetic of the structure



wherein:

wwww indicates a bond at a chiral centre of the structure which centre may be in the R or S configuration or a mixture thereof;

R, R^1 and R^2 are amino acid side chain groups which may be the same or different;

M' and M" may be the same or different and are selected from the group consisting of hydrogen, C_1-C_4 alkyl, chloro and C_1-C_4 alkoxy;

M^3, M^4, M^5 and M^6 define a lactam as follows:

(i) M^3, M^4 when taken together with the ring carbon to which they are attached form a carbonyl group, M^5 and M^6 = H, or

(ii) M^3 is H and $M^4 = M'$, M^5 and M^6 when taken together with the carbon atom to which they are attached form a carbonyl group;

Z' is selected from the group consisting of hydrogen or methyl or part of a cyclic amino acid sidechain joined to R^1;

Pg^N is a protecting group for amine;

R^C is selected from the group consisting of a carboxy terminal part of the mimetic, hydrogen, R, and CH_2R; and

Z is selected from the group consisting of hydrogen, methyl, ethyl, formyl, acetyl, -CH_2R, and C(O)R.

114. (Withdrawn) A peptide mimetic as claimed in claim 113 wherein when Q^1 and Q^2 form a cyclic group Q^1Q^2 which is selected from the group consisting of – CH(R)C(O)-, -CH_2CH(R)C(O)-, -CH_2CH_2CH(R)C(O)-, -CH(R)CH_2-, -CH_2CH(R)CH_2-, -CH_2CH_2CH(R)CH_2-, -CH_2CH(R)-, -CH_2CH_2CH(R)-, -CH(R)CH_2CH_2-, -CH_2CH(R)CH_2CH_2-, -CH(R)CH_2C(O)- and -CH_2CH(R)CH_2C(O)-.

115. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein Q^1 is R, Q^2 is Z, Q^3 is C(O) or CH_2.

116. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein Q^1 is R, Q^2 is Z, Q^3 is –C(O)N(Q^5)CH(R)C(O)- or –C(O)N(Q^5)CH(R)CH_2-.

117. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein Q^1 is CH(R)C(O)Q^2, Q^1Q^2 – forms a cyclic group –CH(R)C(O)-Q^2, Q^3 is C(O) or CH_2.

118. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein Q^1 is $CH_2CH(R)C(O)Q^2$, Q^1Q^2- forms a cyclic group $-CH_2CH(R)C(O)-$, Q^3 is C(O) or CH_2.

119. (Previously Presented) A peptide mimetic as claimed in Claim 113 wherein R^C is $C(O)Pg^C$ where Pg^C is a protecting group for carboxylic acid.

120. (Previously Presented) A peptide mimetic as claimed in Claim 119 wherein Pg^C is selected from the group consisting of alkoxy, benzyloxy, allyloxy, fluorenylmethyloxy, amines forming easily removable amides, a cleavable linker to a solid support, the solid support, hydroxy, NHR, OR, R or the remaining C-terminal portion of the mimetic.

121. (Previously Presented) A peptide mimetic as claimed in Claim 113 wherein Pg^N is selected from a group consisting of Boc, Cbz, Alloc, trityl, a cleavable linker to a solid support, the solid support, hydrogen, R, C(O)R or part of the remaining N-terminal portion of the mimetic.

122. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein M' or M" is methoxy.

123. (Withdrawn) A peptide mimetic is claimed in Claim 113 wherein M' or M" is methyl.

124. (Previously Presented) A peptide mimetic as claimed in Claim 113 wherein Z is H, Z^1 is H and R^C is $C(O)Pg^C$.

125. (Withdrawn) A peptide mimetic as claimed in Claim 124 wherein R^1 and $R^2 \neq H$

126. (Previously Presented) A peptide mimetic as claimed in claim 113 wherein Z is hydrogen, M^5 and M^6 when taken together with the carbon atom to which they are attached form a carbonyl group, $Z^1 = H$, and R^C is $C(O)Pg^C$.

127. (Withdrawn) A peptide mimetic as claimed in Claim 126 wherein R^1 and $R^2 \neq H$

128. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein Q^1 is R^1, Q^2 is hydrogen, Q^3 is $-C(O)N(Q^5)CH(R)C(O)-$, Z^1=H and R^C is $C(O)Pg^C$.

129. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein Q^1 is R^1, Q^2 is hydrogen, Q^3 is $-C(O)N(Q^5)CH(R)CH_2-$, Z^1=H and R^C is $C(O)Pg^C$.

130. (Withdrawn) A peptide mimetic as claimed in Claim 114 wherein Q^1Q^2 is $-CH(R^2)C(O)-$, Q^3 is C(O), $Z^1=R^1$ and R^C is $C(O)Pg^C$.

131. (Withdrawn) A peptide mimetic as claimed in Claim 114 wherein Q^1Q^2 is $-CH(R^2)C(O)-$, Q^3 is CH_2, $Z^1=R^1$ and R^C is $C(O)Pg^C$.

132. (Withdrawn) A peptide mimetic as claimed in Claim 114 wherein Q^1Q^2 is $-CH_2CH(R^2)C(O)-$, Q^3 is C(O), $Z^1=R^1$ and R^C is $C(O)Pg^C$.

133. (Withdrawn) A peptide mimetic as claimed in Claim 114 wherein Q^1Q^2 is $-CH_2CH(R^2)C(O)-$, Q^3 is CH_2, $Z^1=R^1$ and R^C is $C(O)Pg^C$.

134. (Previously Presented) A peptide mimetic according to claim 113 wherein R, R^1 and R^2 are each independently selected from the group consisting of

(i) $-CH_3$,

(ii) $-CH_2-\overset{O}{\overset{\|}{C}}-NH_2$,

(iii) $-CH_2SH$,

(iv) $-CH_2CH_2-C(O)NH_2$,

(v) -H,

(vi) $-CH(CH_3)CH_2CH_3$,

(vii) $-CH_2-CH(CH_3)_2$,

(viii) $-CH_2CH_2S-CH_3$,

(ix) $-CH_2Ph$,

(x) $-CH_2OH$,

(xi) $-CH(OH)CH_3$,

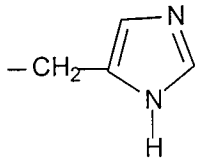
(xii) $-CH_2$-(3-indolyl)

(xiii) $-CH_2$-Ph-OH,

(xiv) $-CH(CH_3)_2$,

(xv) $-CH_2CO_2H$,

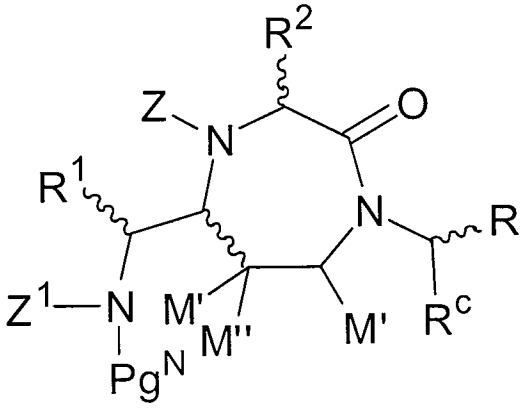
(xvi) $-CH_2-CH_2-CH_2-NH-C(=NH)-NH_2$,

(xvii)  , and

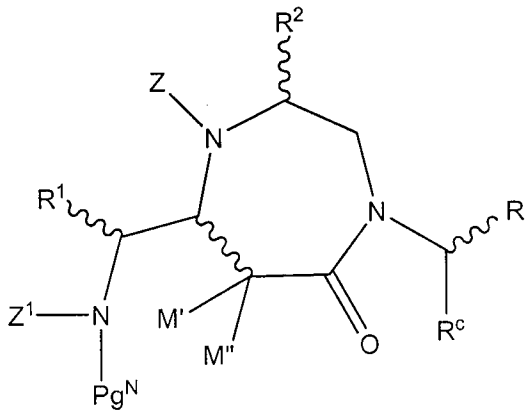
(xix) $-CH_2-CH_2-CH_2-CH_2-NH_2$.

(xx) $-CH_2CH_2CO_2H$.

135. (Previously Presented) A mimetic according to claim 113 having the structure:



136. (Withdrawn) A mimetic according to claim 113 having the structure:



137. (Previously Presented) A peptide mimetic as claimed in claim 135 wherein M', M" are H.

138. (Previously Presented) A peptide mimetic as claimed in claim 135 wherein Z, Z^1 are H.

139. (Withdrawn) A peptide mimetic as claimed in claim 135 wherein R^1 and R^2 ≠H.

140. (Previously Presented) A peptide mimetic as claimed in claim 135 wherein R^C is $C(O)Pg^C$ where Pg^C is a protecting group for carboxylic acid.

141. (Withdrawn) A peptide mimetic as claimed in claim 136 wherein M', M" are H.

142. (Withdrawn) A peptide mimetic as claimed in claim 136 wherein Z, Z^1 are H.

143. (Withdrawn) A peptide mimetic as claimed in claim 136 wherein R^1 and R^2 ≠H.

144. (Withdrawn) A peptide mimetic as claimed in claim 136 wherein R^C is $C(O)Pg^C$ where Pg^C is a protecting group for carboxylic acid.